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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	APPLICANT Bolgiano et al.			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/RW/	3,714,573	01/1973	Grossman			
000000000000000000000000000000000000000	4,081,748	03/1978	Batz			
0000000	4,099,121	07/1978	Fang			
000000000000000000000000000000000000000	4,128,809	12/1978	Kage			
	4,426,712	01/1984	Gorski-Popiel			
X0000000	4,530,087	07/1985	Yamamoto			
***************************************	4,599,734	07/1986	Yamamoto			
0,000,000	4,644,351	02/1987	Zabarsky			
00000000	4,675,863	06/1987	Paneth et al.			
00000000	4,727,590	02/1988	Kawano et al.			
000000000000000000000000000000000000000	4,780,885	10/1988	Paul et al.			
00000000	4,799,252	01/1989	Eizenhoffer et al.			
0,00000000	4,901,307	02/1990	Gilhousen et al.			
00000000	5,031,193	07/1991	Atkinson et al.			
00000000	5,043,736	08/1991	Darnell et al.			
2000000	5,046,066	09/1991	Messenger			
000000000000000000000000000000000000000	5,056,106	10/1991	Wang et al.			
00000000	5,058,200	10/1991	Huang et al.			
00000000	5,068,916	11/1991	Harrison et al.			
3000000	5,081,641	01/1992	Kotzin et al.			
X	5,081,643	01/1992	Schilling			
×000000000	5,088,108	02/1992	Uddenfeldt et al.			
	5,097,484	03/1992	Akaiwa			
000000000000000000000000000000000000000	5,101,501	03/1992	Gilhousen et al.			
V	5,103,459	04/1992	Gilhousen et al.			

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/RW/	5,109,390	04/1992	Gilhousen et al.			
, , , , , , , , , , , , , , , , , , ,	5,124,915	06/1992	Krenzel			
0000000	5,128,925	07/1992	Dornstetter et al.13			
	5,155,689	10/1992	Wortham			
000000000	5,164,942	11/1992	Kamerman et al.			
	5,166,951	11/1992	Schilling			
	5,177,765	1/5/1993	Holland et al.			
0000000000	5,193,101	09/1993	McDonald et al.			
	5,203,018	04/1993	Hirose			
300000000000000000000000000000000000000	5,208,756	05/1993	Song			
000000000000000000000000000000000000000	5,214,789	05/1993	George			
000000000000000000000000000000000000000	5,218,367	06/1993	Sheffer et al.			
- X	5,218,618	06/1993	Sagey			
200000000000000000000000000000000000000	5,223,844	06/1993	Mansell et al.			
	5,227,802	07/1993	Pullman			
	5,235,633	08/1993	Nass et al.			
00000	5,247,356	09/1993	Ciampa			
000000	5,260,943	11/1993	Comroe et al.			
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*	5,280,472	01/1994	Gilhousen et al.			
000	5,283,767	02/1994	McCoy			
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	5,289,527	02/1994	Tiedemann, Jr.			
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/RW/	5,321,696	04/1994	Buchholz et al.			
0000000	5,323,384	06/1994	Norwood			
00000000	5,329,530	07/1994	Kojima			
***************************************	5,345,467	09/1994	Lomp et al.			
00000000	5,347,535	09/1994	Karasawa et al.			
COOCOCCO	5,365,516	11/1994	Jandrell <sup>11</sup>			
0000000	5,367,539	11/1994	Copley			
0000000	5,371,734	12/1994	Fischer			
***************************************	5,371,780	12/1994	Amitay			
00000000	5,373,502	12/1994	Turban			
00000000	5,390,166	02/1995	Rohani et al.			
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	5,420,883	05/1995	Swensen et al.			
000000	5,430,769	07/1995	Patsiokas et al.			
0000000	5,442,625	08/1995	Gitlin et al.			
***************************************	5,479,448	12/1995	Seshadri			
00000000	5,481,533	1/1996	Honig et al.			
00000000	5,483,244	01/1996	Grube et al.			
XXXXX	5,483,668	01/1996	Malkamaki et al.			
000000	5,506,863	4/9/1996	Meidan et al.			
0000000	5,513,176	04/1996	Dean et al.			
00000000	5,533,011	07/1996	Dean et al.			
0000000	5,533,013	07/1996	Leppanen			
Хоооооо	5,553,076	9/3/1996	Behtash et al.			
NO COCCOCCOCC	5,584,057	12/1996	Dent			
32000000	5,594,737	01/1997	Pillekamp et al. <sup>7</sup>			
V	5,614,914	03/1997	Bolgiano et al.			

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/RW	5,625,876	04/1997	Gilhousen et al.					
Жан	5,663,990	09/1997	Bolgiano et al.					
000000000	5,684,793	11/1997	Kiema et al.					
хооооооо	5,712,868	01/1998	Stern et al. <sup>12</sup>					
00000	5,748,669	05/1998	Yada					
000000000	5,761,196	6/2/1998	Ayerst et al.					
	5,781,541	07/1998	Schnieder					
	5,859,879	01/1999	Bolgiano et al.					
	5,881,094	03/1999	Schilling					
	5,912,644	06/1999	Wang					
	6,175,308	01/2001	Tallman et al.					
V	6,747,969	06/2007	Hirsch					
*	FO	REIGN PATE	ENT DOCUMENTS					
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/RW/	0459823	04/1991	EP					
	0528090	02/1993	EP					
200000000	2237706	05/1991	GB					
***************************************	2259430	03/1993	GB					
2000	05-276210	10/1993	JP			X**		
00000000	06-244814	09/1994	JP			X**		
00000000	1-233930	09/1989	JP			X**		
00000000	63-237636	10/1998	JP			X**		
00000000	H01-314443	12/1989	JP			X**		
	H02-3007	01/1990	JP			Х		
V	H02-302133	06/1992	JP			Χ		
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1397721ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /RW/

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EXAMINER INITIAL						TRANS	SLATION
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/RW/	H03-177669	08/1991	JP			Х	
000000000	H03-235077	10/1991	JP				
00000000	H05-244051	09/1993	JP			X**	
888	H06-097914	04/1994	JP			X**	
00000000	S53-109328	08/1978	JP			Х	
000000000000000000000000000000000000000	S63-065723	09/1989	JP			Х	
000000000000000000000000000000000000000	S63-274236	11/1988	JP			X**	
000000000000000000000000000000000000000	S63-286027	11/1988	JP			Х	
00000000	S63-286072	11/1988	JP			X**	
000000000000000000000000000000000000000	H05-211470	08/1993	JP <sup>2</sup>			X**	
	H04-502844	08/1993	JP <sup>3</sup>			Х	
000000	H06-501349	01/1992	JP <sup>5</sup>			Х	
000000000000000000000000000000000000000	H03-094851	09/1991	JP				Х
	05-102943	04/1993	JP			X**	
	05-227124	09/1993	JP			X**	
	199107036	05/1991	WO <sup>4</sup>				
	199200639	01/1992	MO <sub>6</sub>				
	199210890	06/1992	WO				
	199306669	04/1993	WO				
	199608908	03/1996	MO <sub>8</sub>				
8888	199833346	07/1998	MO <sub>9</sub>				
VIII	199939455	08/1999	WO <sup>10</sup>				
EXAMINER .			WO <sup>10</sup>				

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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/RW/	"Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System", TIA/EIA/IS-95-A, TIA Interim Standard, (May 1995). Pgs 1-100
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***************************************	BLANZ ET AL., "Performance of a Cellular Hybrid C/TDMA Mobile Radio System Applying Detection and Coherent Receiver Antenna Diversity, IEEE, pgs. 568-579, (May 1994).
000000000000000000000000000000000000000	ERCEG ET AL., "Urban/Suburban Out-of-Sight Propagation Modeling," IEEE Communications Magazine, pgs. 56-61, (June 1992).
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000000000000000000000000000000000000000	ESMAILZADEH ET AL., "Quasi-Synchronous Time Division Duplex CDMA", IEEE, pgs. 1637-1641, (1994).
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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)	
/RW/	GHASSMZADEH ET AL., "Indoor Propagation and Fading Characterization of Spread Spectrum Signal a GHz," IEEE, pgs. 56-60, (1992).	
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/RW	1/	SESHADRI ET AL., "Two Signaling Schemes For Improving The Error Performance Of Frequency-Division-Duplex (FDD) Transmission Systems Using Transmitter Antenna Diversity," Secaucus, NJ, New York, IEEE, US, pgs 508-511, (May 18, 1993).	
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<sup>&</sup>lt;sup>1</sup> Corresponds to JP H05-211470; <sup>2</sup> Corresponds to US 5,293,645; <sup>3</sup> Corresponds to WO 199107036; <sup>4</sup> Corresponds to JP H04-502844; <sup>5</sup> Corresponds to WO 199200639; <sup>6</sup> Corresponds to H06-501349; <sup>7</sup> Corresponds to WO 94/10812; <sup>8</sup> Corresponds to JP 10-509287; 9 Corresponds to JP 2000-507431; 10 Corresponds to JP 2002-502182; 11 Corresponds to JP 7-502153 and WO 93/04453; 12 Corresponds to JP 6-510656 and WO 94/01956; <sup>13</sup> Corresponds to EP 0398 773.

## X\*\* Abstract only

† English abstract not available. A copy of the document in Japanese has been provided, in addition to the search report in which is was cited.

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